

ABSTRACT

A process and apparatus to convert, an input musical signal, including an original vocalist and musical accompaniment, into accompaniment for a Karaoke singer. The component of the input musical signal corresponding to the original vocalist is suppressed, by filtering or digital processing, to reduce audibility of that vocalist. The resulting modified musical signal can be recorded for future playback. A user's voice also can be added to the modified musical signal, to replace the original vocalist, with the corresponding output of the apparatus being played audibly in real-time, recorded for future playback, or both. In certain embodiments, circuitry can be included to perform effects on a user's vocal input, such as pitch control, reverb, and echo.

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